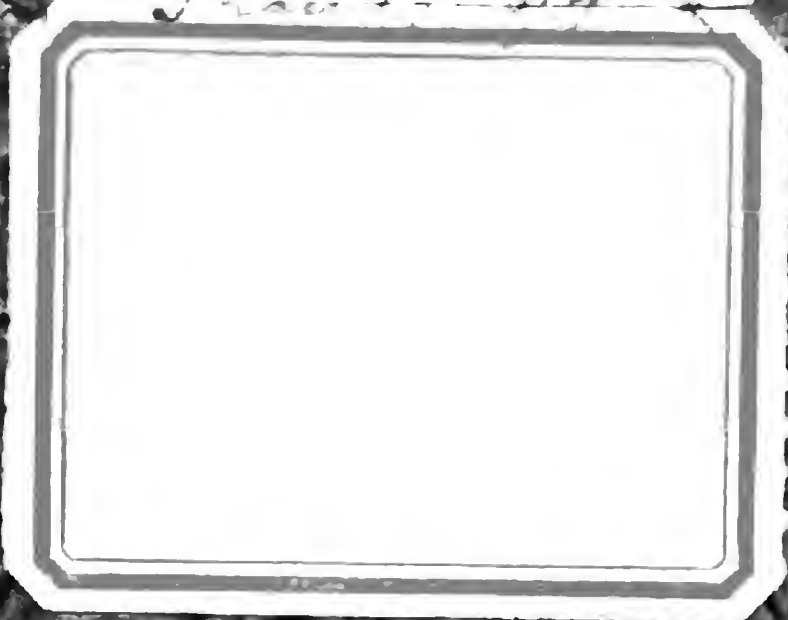


1872
 1873
 1874
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 1884
 1885
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 1887
 1888
 1889
 1890
 1891
 1892
 1893
 1894
 1895
 1896
 1897
 1898
 1899
 1900



Perth - May 21 1912

Woods

Q. alba

Q. rubra

Q. velutina

Ulmus fulva

Q. macrocarpa

Salix ovalis

Pyrus ioensis

Juglans nigra

Pinus strobus (planted)

Viburnum americanum

Acer canadense (new)

Populus tremuloides

Prunus americana

Black locust
also cherry

Get new 2 of the 1.
for fruit

Lower Bottoms -

Ulmus americana
 Juglans nigra
^{Fraxinus}
 Quercus
 Betula nigra
 Salix nigra
 Q. macrocarpa small leaf
 Carya amara - fly.
 Crataegus mollis
 Acer negundo
 Gynandrodia divaricata
 Celtis -
 Salix amygdaloides
 Acer longifolium
 Acer saccharinum
 Platanus occidentalis
 Populus deltoides

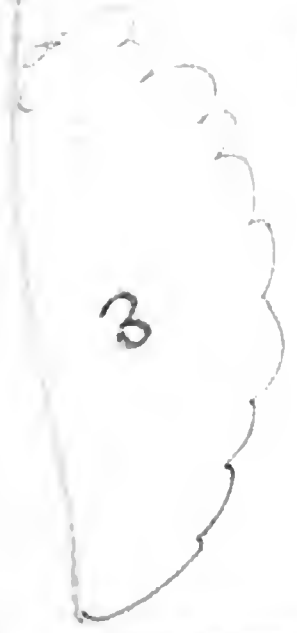
Upper Bottom May 27-1912

Betula nigra
 Ulmus americana
 Crataegus mollis
^{Fraxinus}
 Quercus
 5 Quercus macrocarpa
 Pyrus ioensis
 Argemone
 Quercus rubra
 Celtis
 10 Juglans nigra
 Crataegus Tormentum
 Celtis occidentalis
 Carya amara
 15 Fraxinus nigra
 Prunus serotina
 Viburnum americana
 Prunus americana

[illegible]

Selected specimens on
 top of pond 5. 12. 11.
 11. 12. 11.

17



- 1- Phlox pilosa 7-
- 2- Oxalis violacea 14
- 3- Andropogon scoparius
- 4- Equisetum arvense 10.
- 5- Koeleria cristata. 0
- 6- Poa pratensis.
- 7- Hypoxis lineata.
- 8- Taraxacum
- 9- Carex cristata.
- 10- Equisetum hyemale
- 11- Nysimichia campitru

- 12- Viola
- 13- Lepachys
- 14- ...
- 15- ...
- 16- ...
- 17- Helianthus

2. 11. 12. 11. 6. 11. 11.

- 1- ...
- 2- Carex
- 3- ...
- 4- Equisetum
- 5- ...
- 6- ...
- 7- ...
- 8- ...
- 9- ...
- 10- ...
- 11- ...
- 12- ...
- 13- ...
- 14- ...
- 15- ...
- 16- ...
- 17- ...

(General List (cm))

Compositae - miscel fls.

Scrophulariaceae fls.

Parthenium antipathum fls.

Amorpha fruticosa fls.

Redoubtia stricta fls.

Stipa spartea fls.

Elliptica spartea fls.

Lepidium spartea fls.

Dec 11 + 12 1912		
Dec. 11	RR. to ...	2.41
	Electric ...	1.00
	Supper	35
Dec. 12	RR. to ...	2.16
	55

July & Aug. 1913		
July 29	RR. to Cedar Rapids	.50
	Spirit Lake & to Shirley	4.46
July 30	Cedar R. to to Shirley	.10
	Spirit Lake & to Shirley	.50
	Breakfast at Cedar	6.00
Aug. 8 -	Trav. - Miss Annie Maider	
Aug. 8 -	Dinner, supper & lodging } Edwards	2.00
" 9 -	Breakfast	.50
" 8 -	Biddiss - supper - at Edwards	.10
" 9 -	RR. to Montgomery	1.65
" -	RR. Montgomery to Granite	.36
" -	RR. Granite to Sioux Falls	1.00
" -	Lodging - Hotel Tetton "	.30
" 10 -	Breakfast " "	1.31
Aug 8 -	Freight - Annie Maider	.35
	Express - En I. - Post Office	
	Freight - Iowa Lumber Co. - Roses -	1.00
	Wm. Goodall - Laundry	2.00

Dec 12, 1902
Left at about 1:30 AM -
1st stage, & reached 12th at 8:45 AM
for my gun. Left at 9:45 AM
at 8:45 AM for station
the RR. 1st stage before reaching
about 12th stage. The
country (very) -
just 2nd stage, rather
Lopule (very) -
better cut. (The) -
The name

Decker cut a
A mile farther on there was
to be a bench.
Mayton looks like a very fine
place. There are no houses, but
there are some of the best of the kind.

Charted bluffs to Anderson.
Died up at Park Hotel.
Found co. road flat now
in process of construction &
will wait.

There is a bridge on flat
near depot. West side
in bridge is a small stream.

Mr. D. H. [unclear] [unclear]
from [unclear] [unclear] [unclear]
back from [unclear] [unclear] [unclear].

Mr. Newman [unclear]
crew [unclear] [unclear] [unclear]
will 1350 ft.

Left at 4:30 [unclear]

At [unclear]

Met Dr.

[unclear] but [unclear] [unclear]
of Audubon & [unclear]

with him to Des Moines

On up part [unclear]

Ocalumta Pt. trees come
in, they run [unclear] [unclear]

west of road - as a [unclear]

In this lower part the
beach & shores are flat

[unclear] [unclear] [unclear]
 [unclear] [unclear] [unclear]
 July 31, 1913

of [unclear] [unclear] [unclear] [unclear]
[unclear] [unclear] [unclear] [unclear]
trees - [unclear] [unclear] [unclear]

[unclear] [unclear] [unclear] [unclear]
[unclear] & [unclear] [unclear] [unclear] [unclear]
more [unclear] [unclear] [unclear]

[unclear] [unclear] [unclear] [unclear]
are [unclear] [unclear] [unclear] [unclear]

all the [unclear] [unclear] [unclear] [unclear]

part of [unclear] [unclear] [unclear] [unclear]

In [unclear] [unclear] [unclear] [unclear]

[unclear] [unclear] [unclear] [unclear]

[unclear] [unclear] [unclear] [unclear]

[unclear] [unclear] [unclear] [unclear]

[unclear] [unclear] [unclear] [unclear]

[unclear] [unclear] [unclear] [unclear]

[unclear] [unclear] [unclear] [unclear]

[unclear] [unclear] [unclear] [unclear]

[unclear] [unclear] [unclear] [unclear]

17
9 8

westward the bank rises
 out again & only one or two
 species of trees, going
 the upper part of the
 is mostly open
 many more in this zone.
 The west end of the
 is not a terrace, but a
 S. end, and a terrace
 low water.

Level of lake 745
 " of bottom low 763
 " top of ridge 782

The benches on W. side
 show limestone again on
 W. side of bank.

The ridge is here
 protective.

Northward a fence along shore
 is all there is.
 In the area.

Ber. oak, Quercus macrocarpa
 Salix discolor
 Vitis vulpina
 Amelanchier canadensis
 greenish Fraxinus
 Alnus glabra
 Corylus am.
 Am. Elm Prunus am.
 Am. Elm
 Ch. cherry - Prunus nig.
 Prunella melanocarpa - Telastem
 Red Elm Ulmus rubra
 Cottonwood - Populus
 Ribes glandulosum
 Salix longicarpa

16

Smaller plants, all nearly
 all have - (some are of
 a sandy soil)

Prairie plants

Syntherisma	Agropyron (small)
Helianthus	Solidago rigida
Helianthus	Solidago canadensis
Monarda	
Helianthus	
Yucca	
Artemisia	
Urtica	
Polypogon (small)	
Artemisia (fine)	
Verbena stricta	
Sesuvium	

8

On sandy beach saw same
Sporobolus crypt.
 also!
Potamogeton, *perfoliatus*
Hordeum jubatum
Scirpus ~~sp.~~ *sp.*
Polygonum *perfoliatus*
Aster *sp.* *dragunculifolius*
Polygonum
Mentzelia *sp.* *sp.*
Agrostis *sp.* *sp.*
Veronica *sp.*
Cyperus *sp.* *sp.*
Ammophila *sp.*
Xanthoxylum
Oenothera *sp.*
Lycopus *sp.* *sp.*
Saxifraga *sp.*
Asclepias *sp.*
Helianthus *sp.*
Polygonum *sp.*
Relbunium *sp.*
Hieracium *sp.*
Ambrosia *sp.*
Aster *sp.*
Eupatorium *sp.*
Iris *sp.*
Solidago *sp.*
Mentzelia *sp.*
Saxifraga *sp.*

Just N of Shingle Point
 a higher bank. Trees a
 little more numerous &
 banks are 15-18 ft.
 all along the shore
 trees

On E side of shingle a rather
 abrupt slope. Trees a
 fringe of trees - low and
 green all.

N. side of shingle a side
 of trees. Trees a
 a bank for some distance
 but only a fringe of trees
 has developed. The
 bank grades out the trees
 in a few feet.
 The rounded point in N.
 side also shows bank in
 S. W. part.

In afternoon started N.
from Lab.

Two readings of 13115
Station 116 Killarney Bay

no. 10 on beach = 769

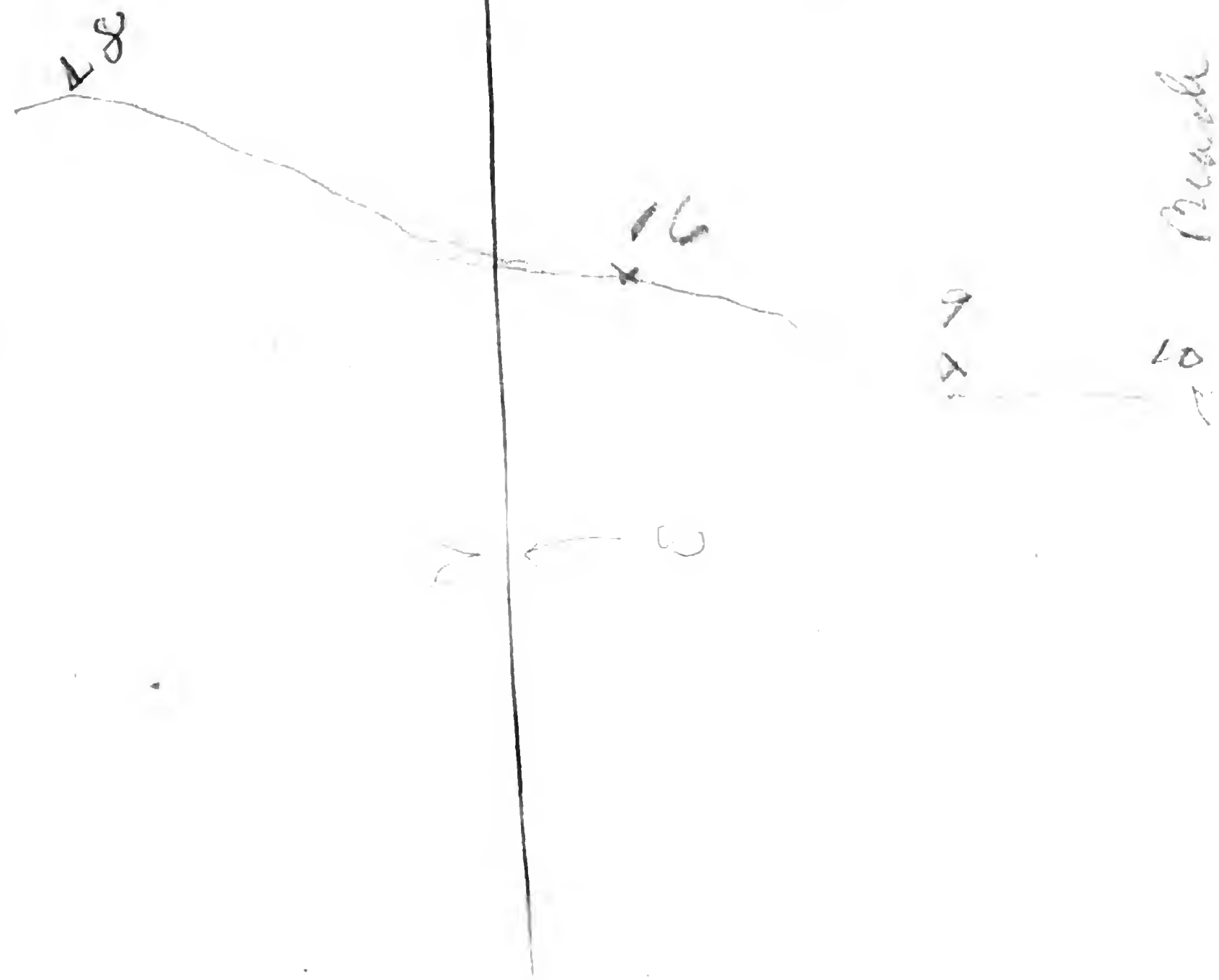
" 9 - behind log = 770

" 16 - part way up = 780

" 8 - top of log = 820

" 7 - gravelly log = 811.

2 - 5 =



Manhattan

The timber along the shore of Manhattan is a dense fringe of trees (15-20 ft.) but only outlying branches are seen from the water. Along this fringe I noticed a basswood, an Amelanchier, a few green ash & mostly birch, a few Alder.

The fringe runs out westward by a line of a few struggling stunted birch oaks.

Right at Manhattan the birch oaks run west a little farther, so that whole point is covered.

The Manhattan point is
 now (probably always was)
 scarcely covered with trees.
 The fringe up the lake is
 narrow & mostly birch.
 A few green ash, some
 quaking asp, Salix angulata.
 Sittimwood,
 at first point above
 Manhattan the more
 ridges & lake in point, but
 in woods about a half of
 birch.

at this first point above
 Manhattan the bank
 runs 10-12 ft above
 lake & is a strip of soil
 along.

Above this point there are
 a good many rather fine
 Populus tremuloides, with
 large number of seedlings
 springing up.

In the fringe I found - Toronto

Eglestonia f
 Platanus
 Ostrya virginiana
 Prunella virginiana
 Amelanchier
 Prunus americana
 Lonicera canadensis (2)
 Ribes
 Ceanothus
 Prunus virginiana
 Rubus
 Rhus glabra
 Ulmus fulvus
 Aspidodermis Prickly

In woods (under part of fringe above
 ridge) 12 ft above lake

Viburnum
 Sideroxylon
 Solidago canadensis
 Symplocos
 Aster Drummondii
 Rubus occidentalis
 Ribes
 Thalictrum
 " American

Sanicula
 Vitis
 Eupatorium
 Monarda (about smooth)
 Polygonatum virginicum

Just above cutting and in
most open place.

From steamer:

Two open places of low
between Manicotta & Eggarhane
both of them now, sloping
gradually to lake.

The opening at the cutting
works of Eggarhane is
in same manner -

also another at upper part
of the curve of shore line
to next point above.

Then above this point &
its great artificial grove,
in a low marshy place,
also trees.

Took Queen to head of
lake, slipped plant
purs & started towards
Eggarhane.

There are no trees (nature)
at the end. The same
first of all.

mainly the N. of road.
There are no trees
& cottonwood, grass, & shrubs
(white & red flowers).

There is a very small
grove N. of lake.
The cottonwood N. of lake
are in rows, with
reception) & the willows
S. of lake are in rows,
with one cottonwood in some
row.

The lake zone has
box elder, green ash,
maple, ^{Red ash} & all
walnuts, etc. along bank
A group of cottonwood &
small ~~etc~~ are in some
shore & densely to me.
in irregularly & later
also some low green ash.

above 12 ft. above Manhattan
the ground grows wider &
mostly 100 ft. by 100 ft. & most
of plants in preceding stage
were in the ground & the
open.

At westernmost part of
curve between Eggham
& Manhattan the banks
are lower & trees very
scarce.

This is only a depression & again
the banks come up 15-20 ft.
& there is a narrow border of
trees, only below bank.

Toward Eggham this
widens in 2 or 3 places where
ravines run down.

Alt. of beach at	
Eggham	765
Top of bluff	785

At Eggham the
grove is wider & across
the ground & contains
a big tree (many
3 ft. in diameter - Best
preserved tree).

At Eggham a point
the ground is at
least 15 ft. wide &
also forms two high ridges.
The grove is in the middle
to rolling hills. The banks
run to 5-7 ft. a few
large oaks appear.

There are artificial groves
one west of last town
rolling hills & some
5 or 8 ft.

above the rolling hills
the ground runs out into
a more open along shore
The shores are low.

These green asters are
near beach, ex. 100 ft
wide. 100 ft. 100 ft.

Right at river corner of
lake, 100 ft. 100 ft.

(short) 10 15 ft. 10 ft
it was in, trees, plants
a little to lake

At (a) there is a border
fringe of greenish yellow
pink willow, *Amelanchier* (1), *Platanus*, *Ampelopsis*
probably to the point that
it faces long stretch of
lake.

That bare bank goes
somewhat to SW. & is
parallel to river course.

A drain abhors SW.

The fringe of trees at (a)
is on an elevated ridge
evidently formed by
lake.

There is a
small swamp west of
this ridge

Some of these trees are dead
at top - ~~are about 100 ft~~
sh. 100 ft.

At (b) there is a point of
land, 100 ft. 100 ft.
bank 100 ft. 100 ft.

common grasses, bare soil.

The river bank is
roughly dragging small
trees and being in line.

with a drain to SW.

A cut was also made

in this at the river end,

but is doing fairly

well.

above (b) is a narrow bend of

lake. The beach is sandy.

From (b) down it is very

bouldery.

Below (b) is a point

some bushes, then a

higher irregular bank

runs along with larger

trees (mostly willows) below

edge of bluff.

Along this border to
Agriculture I found:

Salix purpurea
Populus delt.
Salix purpurea
Prunus. com.
Quercus macrocarpa
Red cherry Prunus virginiana
Rhus typhina
Hawthorn Crataegus
Carya ovata.

An attempt to grow boxwood
& yucca without winter bark
on plain just W. of lake (to
lake) is not very successful.

N. of sec line a group of
cottages on bank, &
for look, are protected
by artificial grove, mostly
of soft maple.

This is at Little Lake beach.

Only a very few trees remain
along this point, & the former
low valley is now a field.
I briefly go to the

Belmont estate on
which Belmont White Beach
is located (at least 1/2 mi. to
west of point of view).

There is a large swampy
place on the left of its former
trees, except for a few
low cottonwoods.

There is a swamp of cottonwoods
(yucca) below S. end of Belmont
Beach.

Opposite the Belmont swamp
there is a piece of land by beach,
Belmont estate, where
there is a big grove of
cottonwoods W. of Belmont
swamp to river.

At (C) there is a small
group of birches, some from
by planted soft maple, etc.

The banks at & below
(C) - are in some cases

On E. side the soft
maples grow more thick.
The same is true of
a tract here (see sketch)
This is Engle Point

From another truck
here

5 & 10, there is a
big cottonwood grove.
The cottonwoods near shore
have many lichens on
E side. (see lichen)
Small cedars probably
scattered about by
birds from old trees,
set out.

South of big cottonwoods is
a snow - 5000' up fls.
rock lichen - again

chiefly 8

Just below grave the
slope is a ...

a little more about
bluffs, the water level
is up, the tide is up

Along the
fringe

from under the
slope on the
the other side

a short distance toward
the bluffs and again
higher & there is a
small group of trees
with quite a 'grove' on
slope

at (a), the bluff is higher
(^{take} ~~800~~ ⁷⁷⁰) & the
burial come to top of
bluff & have ticks

on W side - here the
ice was thick, a thin
line of ice.

The ice was somewhat
broken to a point about

125 yds above the
bottling works. It is
fringed with ice &
a couple of low
grooves run up on
the slope below
the point marked (d).
They are made by the
projection of the
fringe.

In the space just
above the bottling
works there are
very small shallow
columns & ridges.
The bank runs
down & the slope

to N. is gentle.
There is a small
groove, 2 ft. deep, 1 ft.
wide, running along
the edge of the ice.
This is a small
groove, 2 ft. deep, 1 ft.
wide, running along
the edge of the ice.

The edge of the ice
is fringed with ice
about 2 ft. deep
& the
space to the N. is covered
with ridges on the N.
side, this time on the
right side.

Aug. 1st 1913 (Fri.)

Went to head of L.D. Lake.

Day gone clear.

At E. corner of lake

the ground is the base

of a high plateau,

and is very high,

then a low ridge, then

another low ridge, then

a small low ridge, then

all clear, large low ridge.

Top of first low ridge 735

Water edge. 690

The fringe, along lower bank

extends to opposite side in

rows, with the grass

widens accordingly.

A few struggling birch oaks seen
in angle W. of angle of rows.

Small birches E. of angle, exposed

all around, have lichens all

around trunks, many on

exposed roots of birch on bank

In the dense growth south
I saw!

- | | |
|--------------------------------------|--------------------------------|
| <i>Quercus macrocarpa</i> (dominant) | <i>Ribes gracile</i> |
| <i>Cercocarpus mollis</i> | <i>Asplenium am.</i> |
| <i>Salix glabra</i> | <i>Epilobium angustifolium</i> |
| <i>Ostrya virginica</i> | <i>Ribes floridum</i> |
| <i>Syrphanthus asper</i> (occ.) | <i>Aster Drummondii</i> |
| <i>Celastrus scandens</i> | <i>Sambucus racemosa</i> |
| <i>Prunella pennsylvanica</i> am. | <i>Agrostis</i> |
| <i>Prunella virginica</i> | <i>Caryocarpus</i> |
| <i>Chamaecrista nictitans</i> var. | <i>Prunella (common)</i> |
| <i>Crataegus mollis</i> (occ. sp.) | <i>Ribes rubrum</i> |
| <i>Betula alleghaniensis</i> am. | <i>Populus tremuloides</i> |
| <i>Rubus celticus</i> var. | <i>Cornus rugosa</i> |
| <i>Hemerocallis lanata</i> | <i>Fraxinus</i> |
| <i>Vitis vulpina</i> | <i>Ostrya (bulky)</i> |
| <i>Asplenium angustifolium</i> | <i>Rubus</i> |
| <i>Geranium virginicum</i> | <i>Smilax hispida</i> |
| <i>Rosa carolina</i> var. | <i>Prunella</i> |
| <i>Desmodium illinoense</i> | <i>Rhus typhina</i> |
| <i>Rhus typhina</i> | <i>Thalictrum flavum</i> |
| <i>Rubus celticus</i> | <i>Urtica dioica</i> |
| <i>Asplenium angustifolium</i> | <i>Cryptotaenia</i> |
| <i>Prunella</i> | <i>Chrysomelids</i> |
| <i>Desmodium illinoense</i> | <i>Cirsium altissimum</i> |
| <i>Thalictrum flavum</i> | <i>Urtica dioica</i> |
| <i>Urtica dioica</i> (small) | <i>Urtica dioica</i> |
| <i>Calamagrostis</i> | <i>Urtica dioica</i> (climber) |
| <i>Amphicarpus</i> (smooth) | |

Fragaria americana

Took a long walk (Monday)
to canyon, ...
nearby ... (it rains
all night) ...
The ... to ...

Took a long walk ...
any ...
The ...
at (f.) -
about 150 yds ... The
E. edge of ... here nearly N. & S.
is about 200 yds from lake
shore (about 100 ft. x)
The greater part (or more) is
east part is ... with a
few ... The
smaller plants ...
part are ...
prairie plants,
along ... line in sec. 1
The distance from E. edge of
grove to lake = 190 yds.

The timbered part in
sec. 1 is rather broken
by some small openings, running E.

In sec. 1, the part of ground
on which the timber is growing, is
practically bare & on
the whole it seems more
or less open, the timber
being 8-10 ft. high.
Below the timber is a
barren mixture

this extends S. of the line.

Among these trees are,

Quercus canadensis

Artemisia (bush)

Juniperus communis

Amelanchier canadensis

Aster excelsus

Yucca americana

Sisymbrium - yellow

Asclepias tuberosa

Helianthus scaberrimus

Symphoricarpos occidentalis

Solidago canadensis

Rhus glabra (small)

Urtica dioica

Schizanthus pinnatifidus

Elymus canadensis

Artemisia canadensis

Juniperus communis
Artemisia (bush)
Urtica dioica
Solidago canadensis
Sisymbrium - yellow

99-57

sec 1

Barren

Some locust tree
(small)
a little timber
2 sec. 1

Among these plants

we found

Lappula virginiana

Agrostis arvensis

Aquilegia canadensis

Geranium (small)

Aster commutatus

Opposite to the gate was

bark only 45 ft. to settle

hole, 8 ft. in diameter

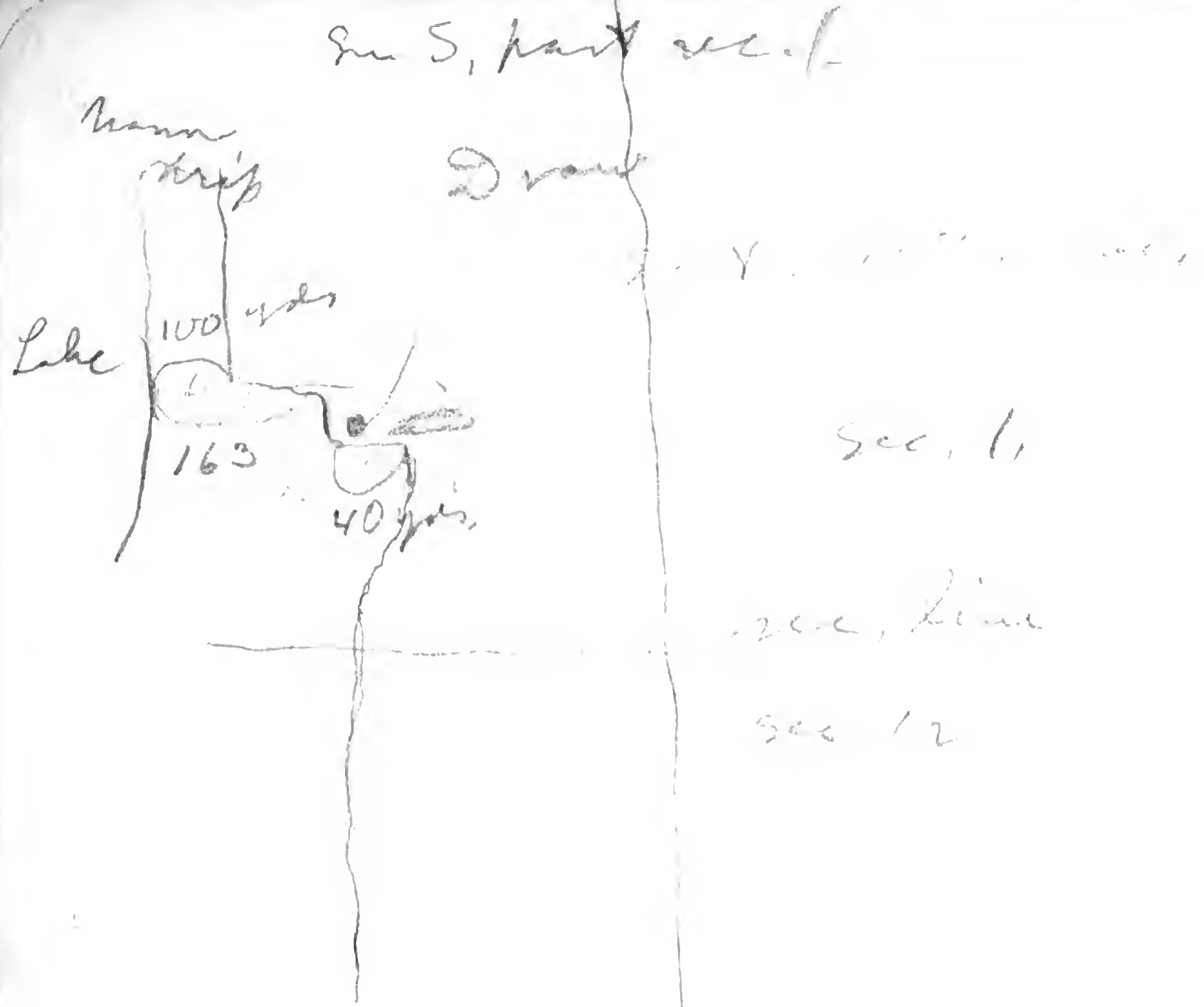
about to 1/2 ft. in S.

It is a location, 768
682 ft.

All this narrow part is open
upland bare oak woods

It seems to be nearly 11 ft.
 (a little less) below the beach.
 At the end of the reef about 1/2 mile.
 The woods on the hill are mostly
 palm and a few other trees. On the
 On S. side of reef there is
 a fine group of trees over
 over 2 ft. high.
 Along the reef line there is a
 of ground 300 yds from beach.
 The Yacht Club point is just
 N. of reef line & is near the
 stiller Easter Pt.
 The Greek temple is just
 below section line on reef
 680 to 710 = 30 ft high.
 Gymnocladus is near this &
 may have been introduced.
 Young seedlings appear abundant.
 Point is Yacht Club point
 & is above reef line a little.
 From this point a Greek temple
 there is rather low but
 rises more or less rapidly back to

from S. side the Greek temple
 ridge is about 1/2 mile
 on ridge about 1/2 mile
 there are a few trees, mostly
 top is bare.
 This is a small island
 runs with some other islands
 almost to point of view but
 looks more like a little
 just below beach to the
 about 1/2 way between it & J.
 The island narrows to about
 100 yds & is open ground.
 All along where higher
 ravines come down the
 forest is dense.
 The top of the island
 Xerophyllum & other small
 scattered over the (open)
 or in spots are trees.
 J is just below 1/4 of line
 in sec. 12.
 Several of these small islands occur
 below Greek temple (in 1/2 mile)
 saw Andropogon nigrum
 Bravaisia caribaea
 Leucaena leucocephala



- ~~Solidago rigida~~
- ~~Aster exiguus~~
- ~~Wolffia micrantha~~
- ~~Artemisia (young)~~
- ~~Elymus canadensis~~
- ~~Amphisp. can.~~
- ~~Carex festucacea~~
- ~~Thalictrum purpureum~~
- ~~Canis. Scaberr.~~
- ~~Aster laevis~~
- ~~Aporosa~~
- ~~Solidago canadensis~~
- ~~Ceanothus~~

To a little below the first dune to pass them 100 yds & then at the lake side. This just above middle of section 12. The first point at the lake is 20 ft (high). Then below it is a dune. There are some small dunes a little lower, but none still sharp. Along the section line there is a low 130 yds from shore & just below that rises to nearly 100 yds more. Below it the banks are 12 to 20 ft high & there is a narrow belt of low oak above bank. Below bank there is little. There is oak far to the west & are the fortifiers of the first miller north.

The "wall" further, just
above Hayward's Bay is
about highest.

The whole shore line
is bouldery.

At Hayward's sandy beach,
Southern end of Hayward's,
the beach runs 100 yds or so
it is mostly young dense
brush, - a few old
trees only appearing.

(Would this suggest
extension road, means
protection?)

The game runs out
just N. of head of
Hayward's Bay &
the beach runs down.
At head the shores
are low & slope
back very gently.
The head is practically
level,

Below Hayward's the trees
start in again in strongly
bushy & the brush is now
higher.

Saw the "Horseshoe" ^{crab} grass
of
Terrence park at Hayward's
on the sandy beach.
Don't know in what
it is called.

Went to Santa Lake.

At A There is a small
bank on W. side of road.
There is quite a good, mostly
brush.

The timber runs 350 yds
S of SW. part of Santa Lake
For plants in woods
see next page.

is the same everywhere along
the lake.

Now and again grows
up here on a line of pebbles

a grove of N.E. There is no
that I have seen

S.E. side of lake shore boulders
+ gravel ridge - ice-shore.

Stork stand on this in woods
from NW. to keep off logs
a place nearly in woods
with dead trees - tramped
by cattle.

Collected shells under
water log (Lamprologus)

also glaucous muds.

along road in sec 17 & 18

There are boulders & ridges, &
little ridges in the wooded
part.

Returned to lake below
Haywards Bay.

In the 200 ft. deep
the (average) depth about
10-15 ft. length 200 ft. wide

Between the 200 ft. deep
length 200 ft. wide, with a ridge
& all along the shore

about 10 ft. deep, with a ridge
about 10 ft. deep, with a ridge

In places the water is 712-756
above the country
quite rough & covered with
(bank) means about 4 ft. ft.
above water. Then rise
eastward

At the highest point 762

Drops just S. to 740

Remains very so. in some places
and some thin, then

~~the water level~~ 718

Just below the dam the
bank became a little lower
& trees & shrubs narrower, with
mud & pebbles.

The roughest part is just
above the falls, also the
heaviest forest.

Toward the bridge 0.4. no. 0.

The banks are high & steep

& heavily forested.

Banks are timbered,

The woods 2. of dam are

fine, undisturbed, mostly

oak.

Took fine view from

bridge.

1st fall line 2. of dam

has a small pond. Took grass

second fall line

pond at 2. of dam

A low place extends S.

The pond has large willows

on S.W. side & another

on N.W. side of lower low pond.

At Oldburg 750 ft. above sea level
725.
55

Along the river (S.W. side)

The banks are steep

some grass on top of

barren hills. Some small trees

On the side of the river

a small pond

Some small trees

of river valley

The banks on N. side

undisturbed. Some small trees

& small light - green

Some small trees

with intermission, some

is a higher ridge west of S.W.

See map for open places.

Again some small trees

Here flat land

Along the river

Lower part only

drainage willows & small trees

A high bluff runs W. of
Lower gas lake & here, point
is gone. The outcrops are
but only the lower part
of the gas lake is visible
in lower part of middle
gas lake the yellow
is a small area.

Level of water 730

Top of bluff W. of

Lower gas = 771.

The latter is a low ridge,
knob lower than area
west & south & pitching
abruptly to lake.

Upper part of zone.

is fringed with scrub.

The zone W. of knob is
low & rises to hill.

N. & NW shore of lower
gas is flat & treeless.

The lower hills near
upper part of west side

of middle gas are
about 753

Still lower 745

Top of higher ridge N.W.

= 775

West of station road,

RR = 755 at road
intersection.

From lake a profile
of the dam

Top of trees

Dam

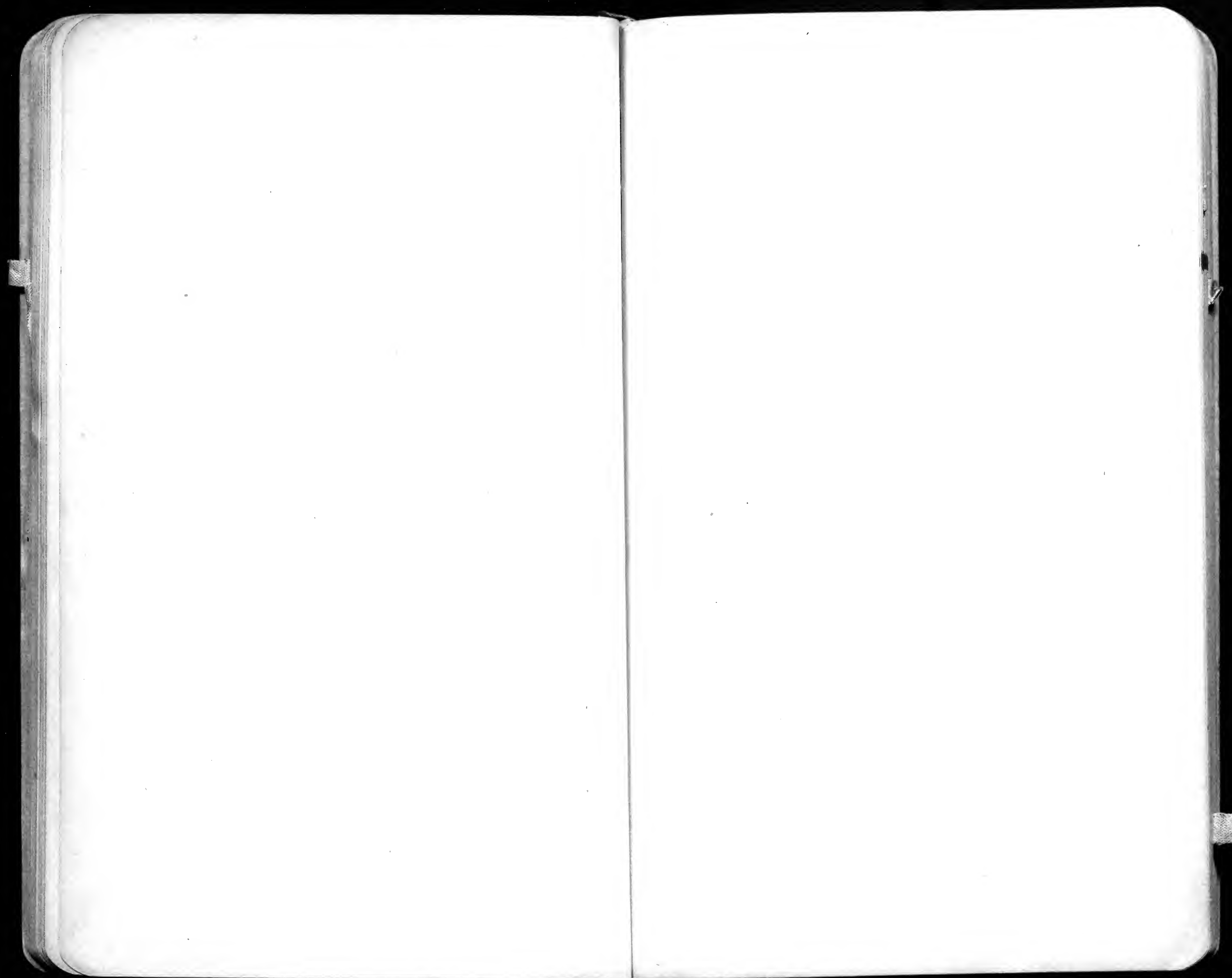
The upper zone shows
out of dam; the
ground near dam is
higher.

Record of trips 1913

Made E. side July 20 1913
 Arrived at 10.00 AM
 E. side W. O. Kelly
 Elm creek
 E. side - E. side
 W. side 9.00
 W. & E. side

10.00
 10.00

Wanglung high up
the mountain side
the mountain side
the mountain side
the mountain side
the mountain side



At center of Delta face.
 6-80-34 - on hill facing N.
 yellow from upper on top, with
 many small nodules. The
 surface has the shape, almost

Yellow - brown tubers.
 N. side also shows gray layer

on top.
 Above 1 more yellow layer
 we find brown near base of
 layer. I found
 on S. side of last hill an

yellow - brown.
 The tubers, there are none
 of brownish color.
 Yellow of same color

looking
 20-30 ft above
 broken brown soil, probably
 in the big layer, on E. side.
 There is a row of tubers

some of them
 The
 The mound is about 10 ft high.

to face, near base
 with very few tubers.
 occurring in a few places.
 yellow - brown
 near S.W. corner of
 41-37
 along
 at top of
 mound
 yellow - brown
 is almost brown
 yellow - brown
 10 ft high

known and the
the

(K... ..)

... ..

Aug 13 - Wed.

Left for ... at 5:30 am

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Aug 16, 1913 - Sat.

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Reading from City at
 6:10 pm West & West/Hill
 & there met Dr. Stephens
 & Mr. Smith, reading
 the Army City, reading

The Army out
 from Army in the city
 after the R.R. following
 a victory.



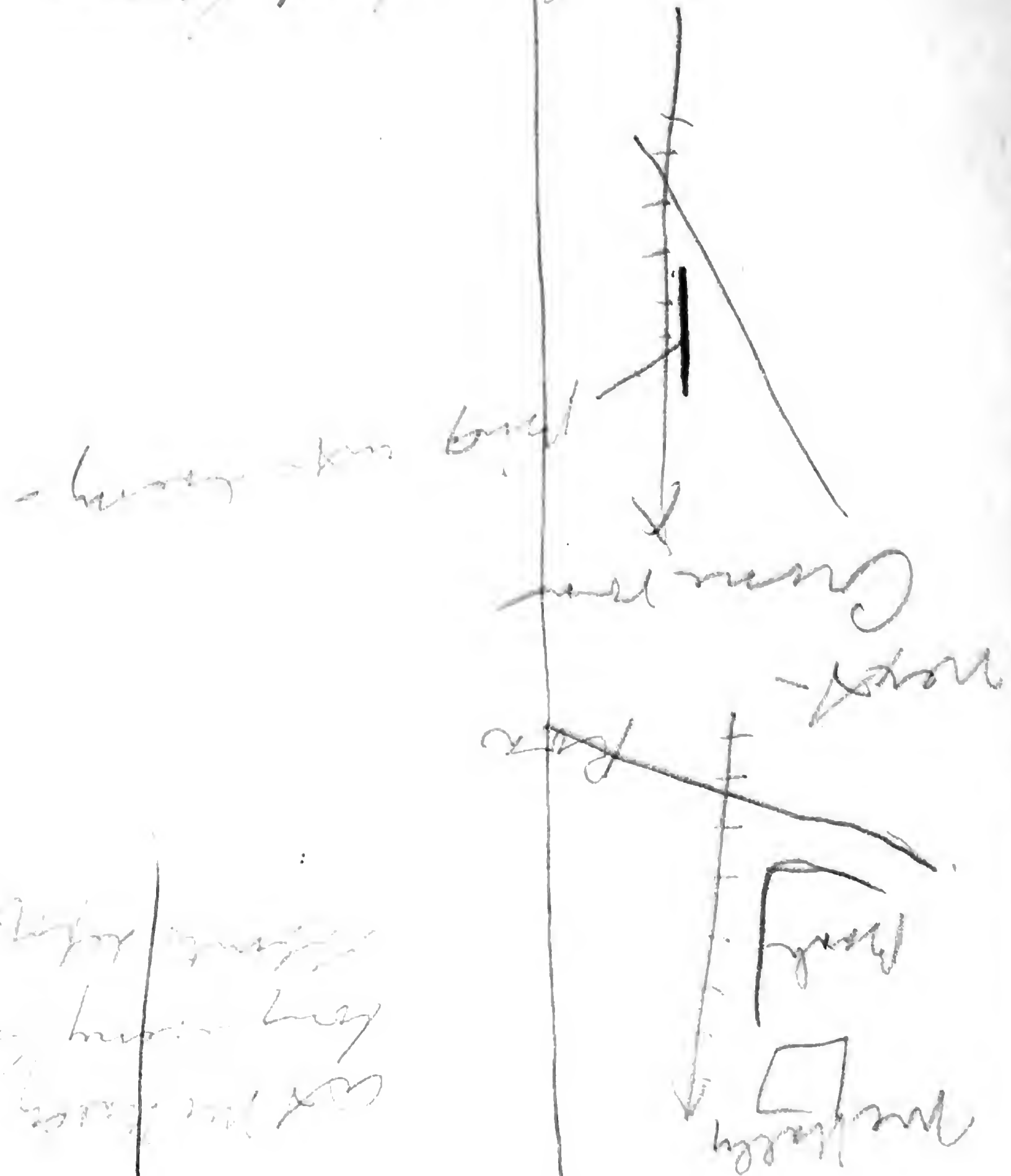
Then the Army
 as mentioned before
 from the Army, the Army

Reading from City at
 6:10 pm West & West/Hill
 & there met Dr. Stephens
 & Mr. Smith, reading
 the Army City, reading

The Army out
 from Army in the city
 after the R.R. following
 a victory.

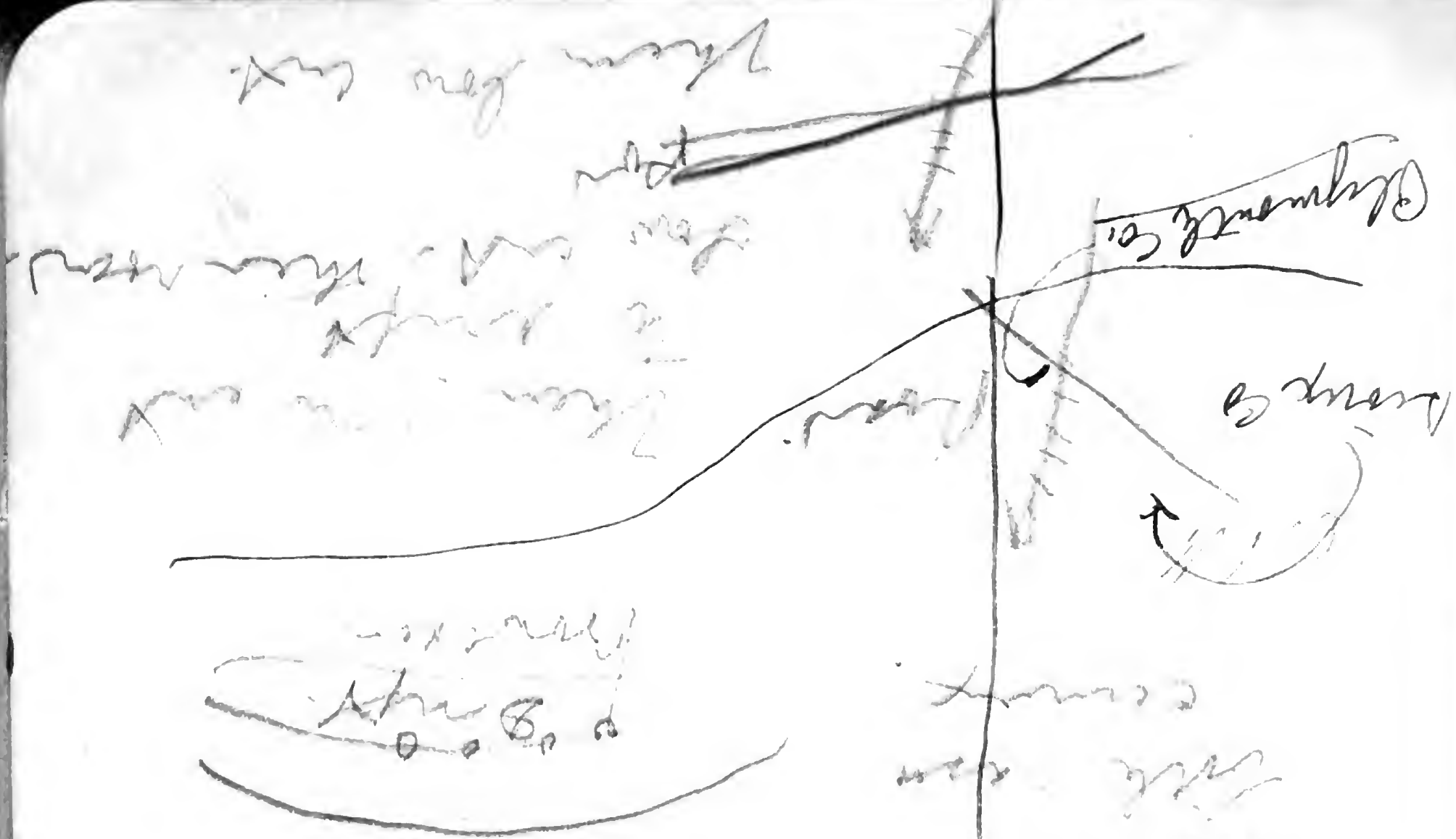
Reading from City at
 6:10 pm West & West/Hill
 & there met Dr. Stephens
 & Mr. Smith, reading
 the Army City, reading

Another long day of boring holes -
out along the line



at the base of
long boring hole
Mud / Holes

Then long and wide
into (mud - soil)
to find boring hole
(like a cone)



Long and deep boring holes
with mud. Run down
= quite regular
Crown - mud
Hole - mud
Mud - mud

Flow

at the base of
long boring hole
Mud / Holes

Then long and wide
into (mud - soil)
to find boring hole
(like a cone)

Arrived at 4:20 pm.
 Took train at 4:20 pm.
 I saw where the
 and found the
 carrying several the
 has been in the
 from about 3 miles up
 the Big Stone. The
 from the
 A young man was
 dressed just after dinner
 as I was about to leave
 train his wife (with baby)
 who was on a visit to
 her parents, whom they
 had been visiting for they
 some working with him, but she
 not know that he was dead.
 Her work was interesting
 when she learned the truth.
 Left at 4:20 pm, we
 cut off line at C.M.W. for some
 city.

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 when she learned the truth.
 Left at 4:20 pm, we
 cut off line at C.M.W. for some
 city.

8 2 6 4 0 2
Spent night at (Camp)

PR line 698

1 873 in the
2 820 in mud
3 728 - On the
4 700 - in bank

no 1 =
no 2 =
no 3 =
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Day 12
Left camp at 10 am and reached
Hawthorne at 10:45.
Clear, Mr. & Mrs. Jack
Amstrong, & Mr. Stone
were at night.

ch

Mrs. Green
 Photo. M.
 from the
 plant in -
 1891

a very old and very
 common thing to see
 in the city of New
 York. It is a very
 old and very common
 thing to see in the
 city of New York.

[Faint handwritten notes visible through the paper from the reverse side]

On July 3, 1907
 The morning was clear and
 bright. The temperature was
 about 70°. The wind was
 light and from the north.
 The water was calm and
 the sky was blue. The
 birds were singing and
 the insects were busy.
 The sun was shining
 brightly and the shadows
 were short. The water was
 clear and the bottom was
 visible. The fish were
 jumping and the boats
 were moving. The people
 were happy and the day
 was perfect.

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 The water was calm and
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 visible. The fish were
 jumping and the boats
 were moving. The people
 were happy and the day
 was perfect.

22

5
 1. *Hydrophilus*
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On account of the
N 31° 15' E 1/2 Sec 36

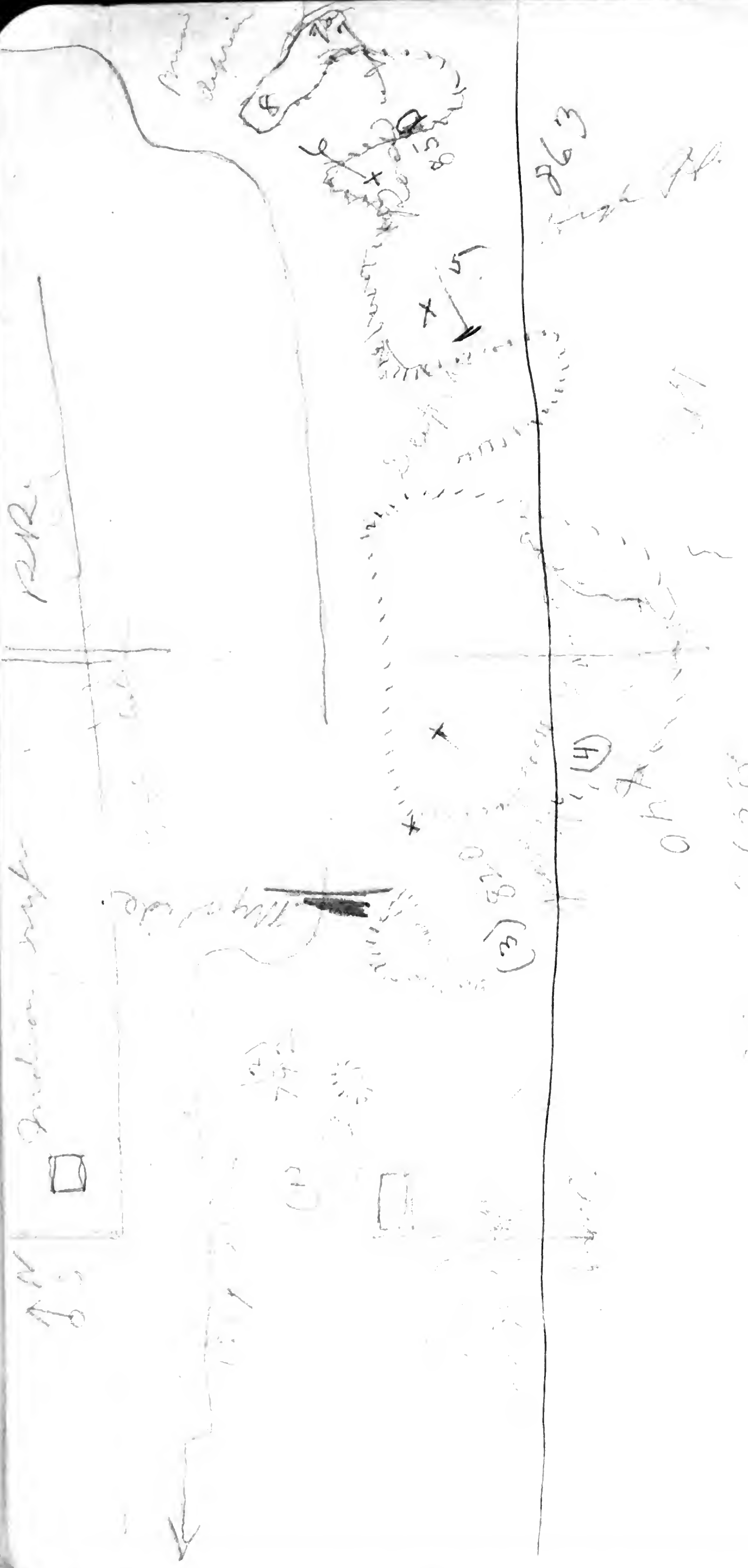
863

2012

2

22

Public - not



Mr. Thompson
Mason
Mason

These are the
same as the
ones in the
last column

1	842	832	822
2	842	832	822
3	842	832	822
4	842	832	822
5	842	832	822
6	842	832	822
7	842	832	822
8	842	832	822
9	842	832	822
10	842	832	822

Rainy in afternoon and
about 10 at first hours
writing letters, etc.

Aug. 11, 1913

1 day in morning. 1 day
in afternoon. 1 day
in evening. 1 day
in night.

AT 10:00 - 662

Government of 1913

Government of 1913

Government of 1913

Government of 1913

Government of 1913

Government of 1913

Government of 1913

surface of

Black Canyon

The day has been passed
in nothing.

Wm. ☐ Edwards

Book

[illegible][illegible]

one of the
in the 15

W. note Center Lake
207 8 June 1110
W. note

The birds are about
beach looking

from the water in the
lake, but a few are

8-10 ft. higher in sand

about the same as
the other side of the lake.

On N. shore (west) a

high bank, 1117, is

about 1/2 mile from

spring 12 from road

with a few green oak

some in top. Some are

when Vets) Ostraps,

one of the
in the 15

W. note Center Lake
207 8 June 1110
W. note

The birds are about
beach looking

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about 1/2 mile from

spring 12 from road

with a few green oak

some in top. Some are

when Vets) Ostraps,

2/11/45

2nd hand sent = 1145

Handwritten notes, mostly illegible due to bleed-through from the reverse side.

Handwritten notes, mostly illegible due to bleed-through from the reverse side.

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[Faint, illegible handwriting visible through the paper from the reverse side.]

[Faint handwritten notes, possibly bleed-through from the reverse side.]

to Lake Superior 1187-1145 = 42

July 7th 1174

at noon 1130

May 22nd 1098-1120

July 9th 1097

July 10th 1075

Reading:

afternoon west wind.

Greenwood

worked on map of the

parties, found the

Remained at 1000 and

July 7, 1895

at 1000

at 1000

at 1000

at 1000

at 1000

at 1000

one mile

560 feet

5000 feet

4/32

250

1/4 mile

1/4

There is much vegetation
about the river. Also
some small trees.

There is a small
stream in the
valley.

The soil is
very fertile.

The climate is
very warm.

At 11:00 AM on 2. 2. 1904
 the [unclear] [unclear] with
 some [unclear] for a [unclear]
 2. 50 [unclear] [unclear] and
 in [unclear]. The [unclear] [unclear]
 [unclear] is [unclear] in the
 [unclear] - [unclear] [unclear]
 Right at the [unclear] [unclear]
 as a [unclear] [unclear] [unclear]
 [unclear] angle (in the [unclear]
 of [unclear] the [unclear] [unclear]
 [unclear] is now [unclear] by [unclear]

[unclear]

943 Lake
963 Branch at X XII

Branching line of growth
Moulding and 9 low growth
These become more abundant
reference, the only, and the
branch into branch X XIII.
Growth kept in also common here.

a few more common
A branch 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.

4-5 more of my collection

The growth is very
abundant in the
branching line of growth
Moulding and 9 low growth
These become more abundant
reference, the only, and the
branch into branch X XIII.
Growth kept in also common here.

Also the the of the
leaf down & there is a
broader nature; very rough

extending
leafy - mostly
mixture of mostly
many seen these are

leaf of 7 day
all around the
the 32

and the
the 32
the 32
the 32
the 32

the 32
the 32
the 32
the 32

960 -
932
27

the 32
the 32
the 32
the 32

very slightly broken &
greenish on X XII

then to X XII & plant with
like, very tender

another back from
the 32

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with a view of the bridge

at XVII the bridge was destroyed

in 1000 and the bridge was

at XVII at the bridge was

in 1000 the bridge was

XVII and XVIII the bridge was

XVII and XVIII the bridge was

the bridge was destroyed in 1000

at XIX a part of the bridge was

a century after the bridge was

the bridge was destroyed in 1000

at the bridge was destroyed in 1000

at the bridge was destroyed in 1000

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at the bridge was destroyed in 1000

of them.

can find the same subject

Refining Lake is now
also called Little Bear Lake
Anishinabe Lake connects
with Little Bear

from the
cotton (and) grass and
Anishinabe
The addition of
grass to the lake is

At the point of view
from the lake, the
view is very fine
The lake is very
large and deep
The water is very
clear and the
bottom is very
soft and muddy
The lake is very
productive and
the fish are very
large and many
The lake is very
beautiful and the
view is very fine

Mr. J. J. (or)
is a very fine
man and the
view is very
fine and the
bottom is very
soft and muddy
The lake is very
productive and
the fish are very
large and many
The lake is very
beautiful and the
view is very fine

When the lake is
very full, the water
is very high and
the view is very
fine and the
bottom is very
soft and muddy
The lake is very
productive and
the fish are very
large and many
The lake is very
beautiful and the
view is very fine

Roll 16. Cases

I think that

in fact are the same

from 1911, as the

that is the

common

letter of the

The other part of the

to be 15 & 18

and others

part, in

wholly in

The region

of these

don't know

down to take me

and other

It must be

that the

where there are

Roll 16. Cases

I think that

in fact are the same

from 1911, as the

that is the

common

letter of the

The other part of the

to be 15 & 18

and others

part, in

wholly in

The region

of these

don't know

down to take me

and other

It must be

that the

where there are

The town house (800)
2/10/1900, before - before

The only before
before - before

before - before
The town house (800)

before - before
The town house (800)

before - before
The town house (800)

before - before
The town house (800)

before - before
The town house (800)

before - before
The town house (800)

before - before
The town house (800)

The town house (800)
2/10/1900, before - before

The only before
before - before

before - before
The town house (800)

before - before
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before - before
The town house (800)

before - before
The town house (800)

before - before
The town house (800)

before - before
The town house (800)

before - before
The town house (800)

These gradually in
in a long narrow

1. Introduction
 2. Background
 3. Methodology
 4. Results
 5. Conclusion
 6. References
 7. Appendix
 8. Glossary
 9. Index
 10. Table of Contents

[Faint handwritten notes]

A mound here with the grass
 1 m. high from base to top

18-20 ft. in diameter
 18-20 ft. in diameter

18-20 ft. in diameter
 18-20 ft. in diameter

18-20 ft. in diameter
 18-20 ft. in diameter

18-20 ft. in diameter
 18-20 ft. in diameter

18-20 ft. in diameter
 18-20 ft. in diameter

18-20 ft. in diameter
 18-20 ft. in diameter

18-20 ft. in diameter
 18-20 ft. in diameter

along the 10 ft. line but not
 in diameter - the 10 ft. line

18-20 ft. in diameter
 18-20 ft. in diameter

18-20 ft. in diameter
 18-20 ft. in diameter

18-20 ft. in diameter
 18-20 ft. in diameter

18-20 ft. in diameter
 18-20 ft. in diameter

the house of the ...

are ...

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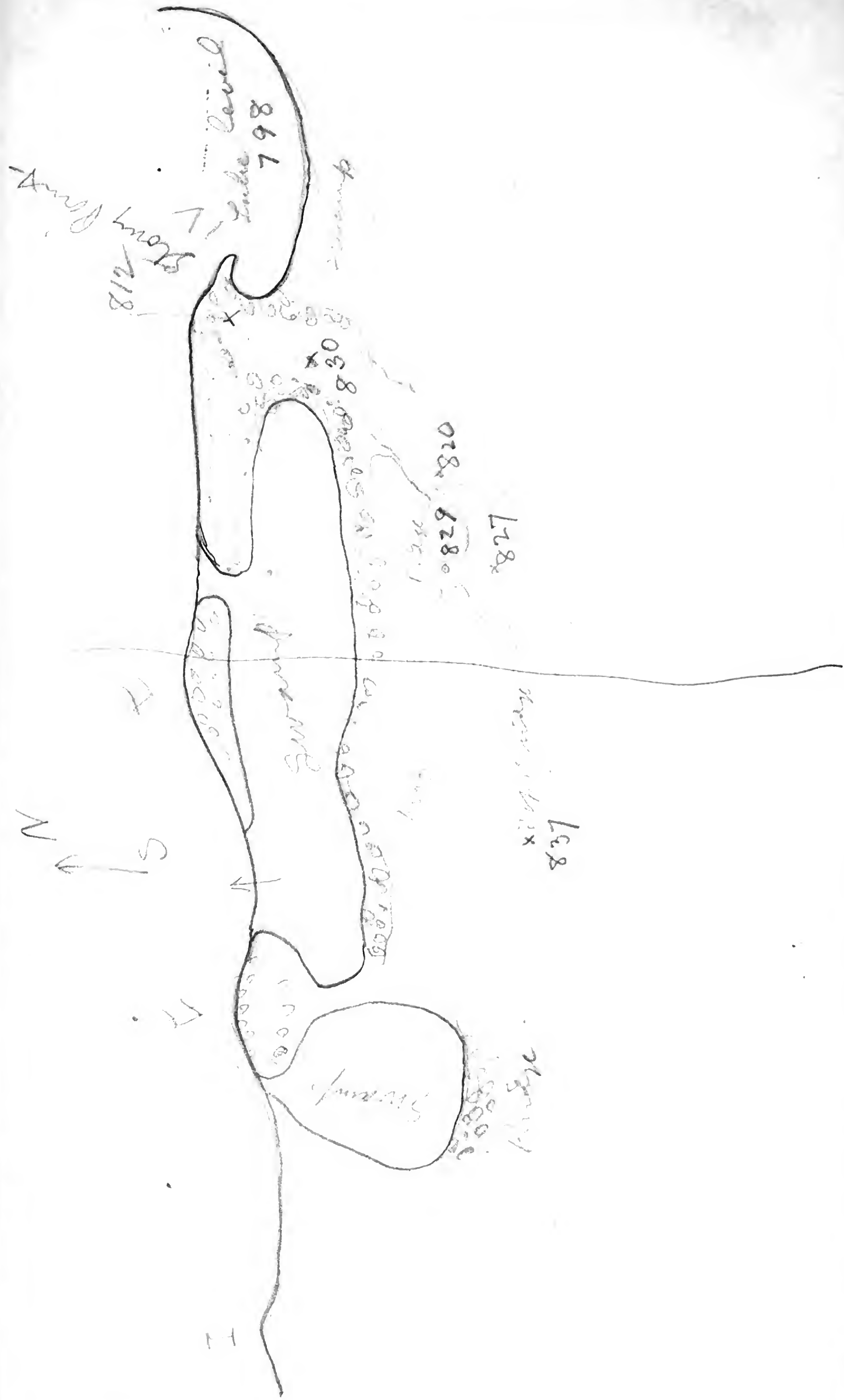
Ant. 4 - 1913 - 11mm

[Faint handwritten notes at the bottom of the page]

There are no length

On 3rd June 1961

[Faint handwritten notes, mostly illegible due to fading and bleed-through.]



The two first days of the

they are growing in ground
 & can be seen in the ground
 could be seen in the ground
 they are more marked
 & prominent

(ax I)
 The next day 8.21

795
 26 14

is a small quantity of
 in a cluster of flowers

various kinds of flowers
 & some of (see) in

between a little, green
 grass & 1 flower and green
 between the middle of the

21 (a little after and 4 days
 coming in) & about 2 there
 is a fine green cluster

are the night in its shell
 a small group of greenish
 similar to the, the whole

between 4.21 & 4.22
 in a small group of flowers
 in a small group of flowers
 in a small group of flowers
 in a small group of flowers
 in a small group of flowers

the next day 8.21

in a small group of flowers
 in a small group of flowers
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 in a small group of flowers

[illegible]

for

Amount of money paid

to the

332

786

46

x 789

x 801

x 821

+ 802

808 x

x 786

779 x 866

The total amount

from each

from the

the total

the total

the total

the total

the total

The first 2 hundred men

are now in the

position, back of the

and then, beyond the

to a new bridge 2 km. from the

all. The bridge also runs down

from the north, and the

500 of men is now, with a long

gentle slope, freely

mountain.

The group and 500 of men

is present on the

bridge (no shore) - a

are now making a

+ 1 hundred 3 are

Monday
 1st day of the month
 a very fine day
 the weather was
 very warm
 and the sun
 was shining
 brightly
 the wind was
 from the
 south
 and the sea
 was calm
 the water was
 very clear
 and the fish
 were very
 numerous
 the birds were
 very noisy
 and the
 insects were
 very active
 the day was
 very pleasant
 and the
 weather was
 very good
 the sun was
 shining
 brightly
 the wind was
 from the
 south
 and the sea
 was calm
 the water was
 very clear
 and the fish
 were very
 numerous
 the birds were
 very noisy
 and the
 insects were
 very active
 the day was
 very pleasant
 and the
 weather was
 very good

Sunday
 2nd day of the month
 a very fine day
 the weather was
 very warm
 and the sun
 was shining
 brightly
 the wind was
 from the
 south
 and the sea
 was calm
 the water was
 very clear
 and the fish
 were very
 numerous
 the birds were
 very noisy
 and the
 insects were
 very active
 the day was
 very pleasant
 and the
 weather was
 very good
 the sun was
 shining
 brightly
 the wind was
 from the
 south
 and the sea
 was calm
 the water was
 very clear
 and the fish
 were very
 numerous
 the birds were
 very noisy
 and the
 insects were
 very active
 the day was
 very pleasant
 and the
 weather was
 very good

1897

~~Am. Soc.~~

3 & 4. shown at Eagle Pt

are noted & noted.

Group NW of the river

at the mouth of the river

see also the rise of the river

to the river mouth

NE corner of

very white sand

near mouth of the river

depth 15-25 ft

above the river

at the river

Looking E. The river is

side of canal above the river

see the canal, a pair

view of the river



Ben East
 1871
 1872
 1873
 1874
 1875
 1876
 1877
 1878
 1879
 1880
 1881
 1882
 1883
 1884
 1885
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 1892
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 1894
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 1896
 1897
 1898
 1899
 1900

[The page contains faint, illegible handwriting, possibly bleed-through from the reverse side.]

8-9
Mud at Pt. in
Oxonia
Alphonsus
around gran, Potash
at 1000m level

[illegible]

1 grassy bank - 100
 about 200 yds. N. of
 the junction to road at foot of
 road.
 At N. W. angle of the lot
 of Campbell.

4-6 ft. A small tree in the
lower part of the forest, growing at foot of hill.

[Faint handwritten notes, possibly bleed-through from the reverse side.]

1. *Chrysomelidae*
 2. *Curculionidae*
 3. *Chrysomelidae*
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 97. *Chrysomelidae*
 98. *Chrysomelidae*
 99. *Chrysomelidae*
 100. *Chrysomelidae*

1200

has been cut away.

Large Enlist in Service

about 1000 (see above)

From American Museum (17)

and ab. and xuzgo

[Faint handwritten notes at the bottom of the page]

1780

15

[Faint handwritten signature]

088 - 100 - 100

8-20-1919

1870

A hand-drawn sketch of a landscape. A road or path curves from the top left towards the center. On the left side of the road, there are several small, stylized trees or bushes. In the center, there is a small, simple drawing of a building or house. To the right of the building, there are more stylized trees or bushes. The drawing is done in a simple, sketchy style with lines and dots.

Rev

Good luck one
thing more

From the
my 1/2

1015
 25 m bank
 26 m bank
 1018
 27 m bank
 1065
 28 m bank
 1015

July 21-1913

Went to ... 7:30

Left ... 11:00

Went to ... 10:00

Left ... 9:00

Went to ... 8:00

Left ... 7:00

Went to ... 6:00

Left ... 5:00

Went to ... 4:00

Left ... 3:00

Went to ... 2:00

Left ... 1:00

Went to ... 12:00

Left ... 11:00

Went to ... 10:00

Left ... 9:00

Went to ... 8:00

Left ... 7:00

Went to ... 6:00

Left ... 5:00

Many of the earliest birds
 have been found here -
 but only a few
 the order is mostly
 the same as today
 a goodly number of
 are found here
 and a few more
 in the (nearby) islands
 for the 10000
 specimens of the
 taken from the
 are 10015 others the
 take the few others
 and a few others
 only others
 near 10000 of the 15
 there is a little more
 10-15000 with some
 from 60000, an
 can be seen, with water
 3 greenish

a few (smaller) birds
 are found here
 the order is mostly
 the same as today
 a goodly number of
 are found here
 and a few more
 in the (nearby) islands
 for the 10000
 specimens of the
 taken from the
 are 10015 others the
 take the few others
 and a few others
 only others
 near 10000 of the 15
 there is a little more
 10-15000 with some
 from 60000, an
 can be seen, with water
 3 greenish

On 3/4 sec. from end of track
about 100 ft. from end of track

5001

1871

20

[Faint handwritten notes at the bottom of the page]

1871

47-1001

1000

1990

17

1937

100

1000

June 9 - 1904. - 1000 ft. - 1000 ft. - 1000 ft.

177

77

100

Wally
Mathewson
1905.

